

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	190	(second near3 ("dfe" or equali\$6)) near3 delay\$3	USPAT; USOCR	OR	OFF	2006/08/02 11:50
L3	242	(second near3 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 delay\$3	USPAT; USOCR	OR	OFF	2006/08/02 11:56
L4	14	3 and ((output near3 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 (slic\$3 or decision))	USPAT; USOCR	OR	OFF	2006/08/02 11:53
L5	0	(second near3 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 ((no or free or null or eliminat\$3) near3 delay\$3)	USPAT; USOCR	OR	OFF	2006/08/02 11:58
L6	11	(second near3 ("dfe" or equali\$6 or (feedback adj2 loop))) same ((no or free or null or eliminat\$3) near3 delay\$3)	USPAT; USOCR	OR	OFF	2006/08/02 12:01
L7	0	(second adj2 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 ((no or free or null or eliminat\$3) near3 delay\$3)	USPAT; USOCR	OR	OFF	2006/08/02 12:02
L8	1	(second adj2 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 ((no or free or null or eliminat\$3) near3 delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/02 12:02
L9	0	(second adj2 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 ((no or null or eliminat\$3) near3 delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/02 12:06
L10	0	(second adj2 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 (fast adj2 logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/02 12:07
L11	24	(second adj2 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 (logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/02 12:08
L12	82	(second adj2 ("dfe" or equali\$6 or (feedback adj2 loop))) near3 (tap\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/02 12:08

## EAST Search History

S1	0	((375/348.ccls. and (implementation adj2 delay\$3)) and (second adj2 ((dfe) or decision adj2 feedback adj2 equalizer)) ) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:03
S2	95	375/348.ccls. and ((dfe) or (decision adj2 feedback adj2 equalizer)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:03
S3	864	"375"/.ccls. and ((dfe) or (decision adj2 feedback adj2 equalizer)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:04
S4	2	(fast adj2 logic) and dfe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:20
S5	1	"4146840".PN.	USPAT	OR	OFF	2004/08/30 11:21
S6	1	"4170758".PN.	USPAT	OR	OFF	2004/08/30 11:21
S7	1	"4504958".PN.	USPAT	OR	OFF	2004/08/30 11:22
S8	1	"4545060".PN.	USPAT	OR	OFF	2004/08/30 11:22
S9	1	"4597088".PN.	USPAT	OR	OFF	2004/08/30 11:22
S10	1	"5606464".PN.	USPAT	OR	OFF	2004/08/30 11:22
S11	1	"5692011".PN.	USPAT	OR	OFF	2004/08/30 11:23
S12	1	"5748674".PN.	USPAT	OR	OFF	2004/08/30 11:23
S13	1	birru-dagnachew.in. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/21 08:54
S14	0	(phillips adj2 electronic\$.as.) and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:14
S15	25	375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:14
S16	19	(375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer)) ) and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:47

## EAST Search History

S17	2	(375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer)) ) and ((free or mitigat\$3 or decrease or minimiz\$5) adj2 delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:51
S18	2	(375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer)) ) and ((free or mitigat\$3 or decrease or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:56
S19	1	((375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer)) ) and ((free or mitigat\$3 or decrease or minimiz\$5) adj2 delay\$3)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:55
S20	4	375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer)) with delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:55
S21	2	(375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer)) with delay\$3) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:54
S22	13	(second adj2 (dfe or decision adj2 feedback adj2 equalizer)) same delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:02
S23	7	((second adj2 (dfe or decision adj2 feedback adj2 equalizer)) same delay\$3) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:03
S24	0	((second adj2 (dfe or decision adj2 feedback adj2 equalizer)) same delay\$3) and @ad<"20010529") and ((free or mitigat\$3 or decrease or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:57
S25	0	((second adj2 (dfe or decision adj2 feedback adj2 equalizer)) same delay\$3) and @ad<"20010529") and ((free or mitigat\$3 or decrease or minimiz\$5) adj2 (implement\$5 adj2 delay\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 13:57
S26	19	(first adj2 (dfe or decision adj2 feedback adj2 equalizer)) same delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:02

## EAST Search History

S27	6	(first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)) with delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:03
S28	3	((first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)) with delay\$3)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:52
S29	1191	implementation adj2 delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:51
S30	0	(implementation adj2 delay\$3) and ((first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)) with delay\$3)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:53
S31	0	delay with (first adj2 dfe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:53
S32	2	delay\$3 with (first adj2 dfe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:53
S33	2	(delay\$3 with (first adj2 dfe)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 14:53
S34	66	(second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:20
S35	56	((second adj2 (dfe or decision adj2 feedback adj2 equalizer)) ) and delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:17
S36	39	((second adj2 (dfe or decision adj2 feedback adj2 equalizer)) ) and delay\$3) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:19
S37	6	375/233.ccls. and (implementation adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:19
S38	5	(375/233.ccls. and (implementation adj2 delay\$3)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:41

## EAST Search History

S39	3	(375/233.ccls. and (implementation adj2 delay\$3)) and (second adj2 ((dfe) or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:21
S40	2	((375/233.ccls. and (implementation adj2 delay\$3)) and (second adj2 ((dfe) or decision adj2 feedback adj2 equalizer)) ) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:03
S41	5	(first adj2 equalizer adj2 signal) with delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:39
S42	5	((first adj2 equalizer adj2 signal) with delay\$3) and (second adj2 equalizer adj2 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:39
S43	2	((375/233.ccls. and (implementation adj2 delay\$3)) and (second adj2 ((dfe) or decision adj2 feedback adj2 equalizer)) ) and @ad<"20010529") and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:43
S44	93	(first adj2 equalizer ) with delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:27
S45	0	((first adj2 equalizer ) with delay\$3) and (second adj2 equalizer ) near ((free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:43
S46	14	((first adj2 equalizer ) with delay\$3) and (second adj2 equalizer ) near delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:41
S47	20686660	18and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:41
S48	9	((first adj2 equalizer ) with delay\$3) and (second adj2 equalizer ) near delay\$3) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:45

## EAST Search History

S49	0	((second adj2 equalizer ) near ((free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:43
S50	2	((second adj2 equalizer ) with ((free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:43
S51	1	((second adj2 equalizer ) with ((free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:44
S52	44	(feedback with delay\$3) and (feedback near (no or free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:46
S53	35	((feedback with delay\$3) and (feedback near (no or free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:28
S54	0	(first adj2 feedback with delay\$3) and (second adj2 feedback near (no or free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:46
S55	0	(second adj2 feedback near (no or free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 15:46
S56	0	((second adj2 feedback) near (no or free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:17
S57	1	((second adj2 feedback adj2 loop) near (no or free or mitigat\$3 or decreas\$3 or minimiz\$5) adj2 delay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:26
S58	1081	fast adj2 logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:26
S59	1	(fast adj2 logic) and ((forward and feedback) adj2 equaliz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:11

## EAST Search History

S60	1	(fast adj2 logic) and (second adj2 feedback adj2 loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:29
S61	4	(fast adj2 logic) and (second adj2 feedback )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:28
S62	1	((fast adj2 logic) and (second adj2 feedback )) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 16:28
S63	0	(fast adj2 logic) and (second adj2 dfe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 17:55
S64	2	"6754294".pn. and decision	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:05
S65	0	("6754294".pn. "5020078".pn.) and (digital near television)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:06
S66	2	("6754294".pn. "5020078".pn.) and ( television)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:15
S67	1081	fast adj2 logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:13
S68	1	((fast adj2 logic) and dfe) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:14
S69	1	(fast adj2 logic) and (tap\$3 adj2 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:13
S70	132	delay same (fast adj2 logic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:13
S71	61	(delay same (fast adj2 logic)) and implementa\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:14

## EAST Search History

S72	55	((delay same (fast adj2 logic)) and implementa\$4) and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:14
S73	1	("6754294".pn. "5020078".pn.) and ( fast)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:23
S74	2	("6754294".pn. ) and ( postcursor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/30 11:22
S75	0	( "5020078".pn.) and ( postcursor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:23
S76	1	( "5020078".pn.) and ( post adj2 cursor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/23 18:23
S77	0	"5020078".pn. and integer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/24 10:17
S78	0	"5020078".pn. and fir	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/24 10:17
S79	1	"5020078".pn. and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/24 10:17
S80	2	"5119401".pn. and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/21 11:07
S81	0	"5119401".pn. and (feed adj2 back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/21 11:07
S82	2	"5119401".pn. and (feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/21 11:07
S83	3	(dfe or (feedback adj2 equaliz\$3)) same (implementation adj2 delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/26 07:07



## EAST Search History

S84	5	birru-dagnachew.in. and ((multiple or two or second) adj2 (feedback))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:49
S85	2	S84 and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:10
S86	1	S85 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:48
S87	0	(phillips adj2 electronic\$.as.) and ((multiple or two or second) adj2 (feedback))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:14
S88	26	375/233.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:47
S89	1	"5119401".pn. and adder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:32
S90	1	"5748674".pn. and tap\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:32
S91	7	S88 and ((second or multiple or two) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:42
S92	4	S91 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:42
S93	9	(second adj2 (dfe or decision adj2 feedback adj2 equalizer)) same adder\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:52
S94	6	S93 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:49
S95	76	375/233.ccls. and ((multiple or two or second) adj2 (feedback))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:49

## EAST Search History

S96	16	375/233.ccls. and ((multiple or two or second) adj2 (feedback)) same adder\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:51
S97	11	S96 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:52
S98	1	375/233.ccls. and ((multiple or two or second) adj2 (feedback)) same ((multiple or two or second) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:51
S99	127	((multiple or two or second) adj2 (feedback)) same ((multiple or two or second) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:10
S100	103	S99 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:54
S101	2	S100 and ((dfe) or decision adj2 feedback adj2 equalizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:12
S102	31	((dfe) or decision adj2 feedback adj2 equalizer) same ((multiple or two or second) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 09:54
S103	22	S102 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:11
S104	4	S103 and ((multiple or two or second) adj2 (feedback))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:10
S105	0	S103 and ((multiple or two or second) adj2 (feedback adj2 loop\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:10
S106	5	375/233.ccls. and ((multiple or two or second) adj2 (feedback adj2 loop\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:11
S107	1	S106 and ((multiple or two or second) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:10

## EAST Search History

S10 8	1	375/233.ccls. and ((multiple or two or second) adj2 (feedback adj2 loop\$1)) same ((multiple or two or second) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:11
S10 9	33	((multiple or two or second) adj2 (feedback adj2 loop\$1)) same ((multiple or two or second) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 13:54
S11 0	23	S109 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:04
S11 1	0	S110 and ((dfe) or decision adj2 feedback adj2 equalizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:12
S11 2	0	S110 and ((dfe) or (decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 10:13
S11 3	31	((dfe) or (decision adj2 feedback adj2 equalizer)) same ((second or multiple or two) adj2 adder\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 11:09
S11 4	22	S113 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 11:09
S11 5	4	S114 and (feedback adj2 loop\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 11:08
S11 6	47	((feedback adj2 loop\$1) with adder) and ((second adj2 feedback adj2 loop\$1) with adder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 11:08
S11 7	12	S116 and ((dfe) or (decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 13:54
S11 8	8	S117 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 11:09
S11 9	38	((dfe) or (decision adj2 feedback adj2 equalizer)) same ((multiple or two or second) adj2 add\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 13:54

## EAST Search History

S12 0	2	S119 and ((multiple or two or second) adj2 (feedback adj2 loop\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:05
S12 1	1	S120 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 14:25
S12 2	28	S119 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 14:26
S12 3	6	(second adj2 adder\$3) with (first adj2 feedback adj2 loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 14:26
S12 4	2	S123 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 14:33
S12 5	0	"5748674".pn. and (first adj2 (coefficient\$1 or tap\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/27 14:34
S12 6	4	375/222.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:58
S12 7	0	S126 and (second adj2 adder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:04
S12 8	10	708/323.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:04
S12 9	3	S128 and (second adj2 adder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:07
S13 0	3	S129 and @ad<"20010529"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:04
S13 1	2	348/614.ccls. and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:06

## EAST Search History

S13 2	0	S131 and (second adj2 adder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/28 07:07
S13 3	2	"5748674".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:49
S13 4	321	viterbi same slicer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:49
S13 5	114	S134 and dfe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:49
S13 6	94	S135 and (slicer with decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:52
S13 7	102	dfe same (slicer near3 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:53
S13 8	491	"5748674".pn. (slicer near3 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:53
S13 9	0	"5748674".pn. and (slicer near3 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:58
S14 0	2	"5748674".pn. and (decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 10:57
S14 1	84	375/233.ccls. and (slicer near3 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:06
S14 2	8	S141 and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:06
S14 3	8	S141 and (second adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:05

## EAST Search History

S14 4	9	S141 and (first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:03
S14 5	4	S143 and (first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:06
S14 6	12	375/232-233.ccls. and ((multiple or two or second) adj2 (feedback adj2 loop\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:27
S14 7	1	S146 and (second adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:05
S14 8	455	375/233.ccls. and (decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:06
S14 9	29	S148 and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:25
S15 0	20	S149 and (first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:25
S15 1	3	S149 and (((first near3 second) adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))) near3 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:23
S15 2	1	"5031194".PN.	USPAT; USOCR	OR	OFF	2005/09/02 11:11
S15 3	1	"5293402".PN.	USPAT; USOCR	OR	OFF	2005/09/02 11:12
S15 4	1	"5345476".PN.	USPAT; USOCR	OR	OFF	2006/08/02 11:50
S15 5	1	"5471504".PN.	USPAT; USOCR	OR	OFF	2005/09/02 11:17
S15 6	0	S149 and (((first near3 second) adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))) near3 ((viterbi or soft) adj2 decision))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:23

## EAST Search History

S15 7	0	375/233.ccls. and (((first near3 second) adj2 ((dfe) or (decision adj2 feedback adj2 equalizer))) near3 ((viterbi or soft) adj2 decision))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:25
S15 8	0	(((first near3 second) adj2 ((dfe) or (decision adj2 feedback adj2 equalizer))) near3 ((viterbi or soft) adj2 decision))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:24
S15 9	2	S146 and ((viterbi or soft) adj2 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:27
S16 0	74	375/233.ccls. and ((viterbi or soft) adj2 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:25
S16 1	9	S160 and (first adj2 ((dfe) or (decision adj2 feedback adj2 equalizer)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:25
S16 2	5	S161 and (second adj2 (dfe or decision adj2 feedback adj2 equalizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:25
S16 3	1	375/348.ccls. and ((multiple or two or second) adj2 (feedback adj2 loop\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 11:27
S16 4	0	S163 and ((viterbi or soft) adj2 decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 14:14
S16 5	2	"6337889".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 14:15
S16 6	3	("4870657"   "4905254"   "4953183").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 14:55